

ABSTRACT

A system for detecting a collection of liquid, notifying a person or thing that liquid has been detected and pumping the liquid. The system includes a control unit, at least one sensor and relay and a pump. Preferably, the system includes a first sensor that senses a collection of liquid which activates a relay which completes an electrical circuit to activate a notification means, such as a siren, light, telephone dialer or other notification device. Preferably, the system also includes a second sensor that senses an additional collection of liquid and thereby activates a second relay which completes an electrical circuit and delivers DC power to the pump which pumps the additional collection of liquid to its desired location. The control unit includes a transformer, relays and plugs to connect to an AC or DC power supply, typically a standard 110 volt AC, 15 amp power supply. The system has a switch in the control unit to allow the pump and other system components to be operated on a DC power supply, such as a car battery. The switch permits the pump to be used as a general utility pump where standard 110 volt AC current is not available. A third relay switch permits automatic switch over to battery power if the control box is connected to an alternate DC power source

FIG. 4